

California Regional Water Quality Control Board  
North Coast Region

ORDER NO. 79-76

WASTE DISCHARGE REQUIREMENTS

for  
U.S. DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE,  
LAVA BEDS NATIONAL MONUMENT  
SOLID WASTE DISPOSAL SITE

Siskiyou County

Date Cooper  
P.O. 867  
Tulalake  
910-667-2282

The California Regional Water Quality Control Board, North Coast Region,  
finds that:

1. The United States Department of the Interior (hereafter the discharger) submitted a report of waste discharge describing an existing solid waste disposal site as shown on Attachment "A" on lands administered by the National Park Services, Lava Beds National Monuments, P.O. Box 867, Tulalake, California, 96134.
2. The discharger disposes of group 2 and 3 wastes on a one acre site located in the NW-1/4 of Section 36, Township 45N, Range 4E MDB&M. The site has been in use for approximately six years and was originally developed as a cinder pit during the 1930's. The site receives about 500 cubic yards of solid waste per year.
3. Refuse from park residences, campground, litter pick-up, and maintenance rubbish is collected depending on park visitation but at least twice weekly and taken to the disposal site. The waste material is covered immediately after it is dumped with 18 to 24 inches of cover material. Waste generated within the park is the only source of refuse. No private use of the dump is permitted.
4. No streams or drainages traverse the site. Soils underlying the area consist of volcanic cinders. The nearest water supply source is a 710 feet deep well located at the National Monument headquarters approximately two miles northeast of the disposal area. Climatological data compiled and published by the National Oceanic and Atmospheric Administration document the mean annual rainfall in the area to be 11 inches over a 46 year period.
5. The discharger proposes to fill the pit with group 2 and 3 wastes with cover occurring as the waste material is dumped until the pit is filled to within 6 feet of the surface as shown on Attachment "B". Final 6 feet will be filled with native material and the area restored to its natural state. Using this procedure, the life of the site is estimated to be 20 to 25 years.

6. The disposal site meets criteria for a class II-2 site, as contained in Subchapter 15, Chapter 3, Title 23, of the California Administrative Code.
7. The Regional Board adopted the Water Quality Control Plan for the Klamath River Basin on March 20, 1975, and amended the Plan on March 25, 1976.
8. As enumerated in that Plan, beneficial uses of the areal groundwaters include:
  - a. municipal, agricultural, and industrial water supply.
9. The disposal site is exempt from provisions of the California Environmental Quality Act under Section 15101, class 1 as an existing facility. The Regional Board finds that no adverse water quality impacts will result if the facility is operated in conformance with provisions of this order.
10. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge.
11. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

THEREFORE, IT IS HEREBY ORDERED that the U.S. Department of the Interior, National Park Service, Lava Beds National Monument shall comply with the following:

A. DISCHARGE SPECIFICATIONS

1. The treatment or disposal of waste shall not cause pollution or a nuisance as defined in Section 13050 of the California Water Code.
2. Waste materials shall not be disposed of outside of the existing disposal pit.
3. The disposal areas shall be protected from any washout or erosion of wastes or covering material, and from inundation, which could occur as a result of floods having a predicted frequency of once in 100 years.
4. Surface drainage from tributary areas, and internal site drainage from surface or subsurface sources shall not contact or percolate through group 2 wastes discharged at the site.
5. Group 1 wastes shall not be deposited at this site.
6. No liquids shall be deposited at this site, and water used during disposal site operations shall be limited to a minimal amount reasonably necessary for dust control purposes.

7. Annually, prior to October 1, all necessary runoff diversion channels shall be in place to prevent erosion or flooding of the site.
8. Group 2 waste shall be covered with a minimum of one foot of native soil at the time of discharge.
9. No group 2 wastes shall be placed in ponded water from any source, whatsoever.
10. The exterior surfaces of the disposal area shall be graded to promote lateral runoff of precipitation and to prevent ponding.
11. The discharger shall remove and relocate any wastes which are discharged at this site in violation of these requirements.

#### B. PROVISIONS

1. The discharger shall maintain a copy of this order at the site so as to be available at all times to site operating personnel.
2. The discharger shall file with this Board a report of any material change or proposed change in the character, location, or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed change in the boundaries, contours, or ownership of the disposal area.
3. The discharger shall comply with the Monitoring and Reporting Program No. 79-76 and the General Provisions for Monitoring and Reporting as specified by the Executive Officer.
4. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this order by letter, a copy of which shall be forwarded to this Board.

The discharger shall permit the Regional Board:

- a. entry upon premises in which an effluent source is located or in which any required records are kept;
- b. access to copy any records required to be kept under terms and conditions of this order;
- c. inspection of monitoring equipment or records; and
- d. sampling of any discharge.

In the event the discharger is unable to comply with any of the conditions of this order due to:

- a. breakdown of waste treatment equipment;
- b. accidents caused by human error or negligence; or
- c. other causes, such as acts of nature;

the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

5. The discharger shall comply with the Contingency Planning and Notification Requirements, Order No. 74-151, within sixty days of the adoption of this order.

Certification

I, David C. Joseph, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, North Coast Region, on March 22, 1979.

ORIGINAL SIGNED BY

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David C. Joseph  
Executive Officer

California Regional Water Quality Control Board  
North Coast Region

MONITORING AND REPORTING PROGRAM NO. 79-76

for

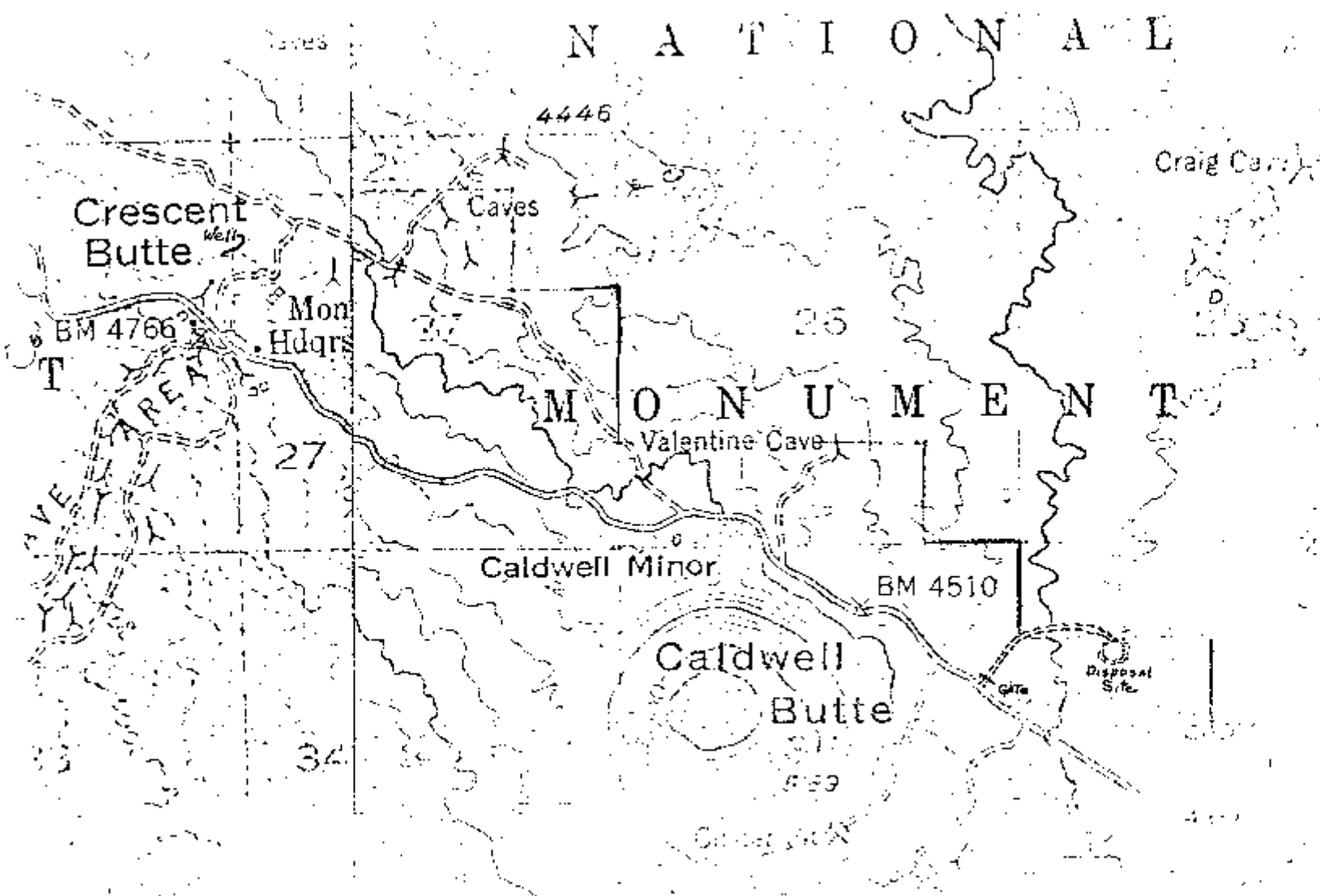
U.S. DEPARTMENT OF THE INTERIOR  
NATIONAL PARK SERVICE,  
LAVA BEDS NATIONAL MONUMENT  
SOLID WASTE DISPOSAL SITE

Siakiyou County

MONITORING AND REPORTING

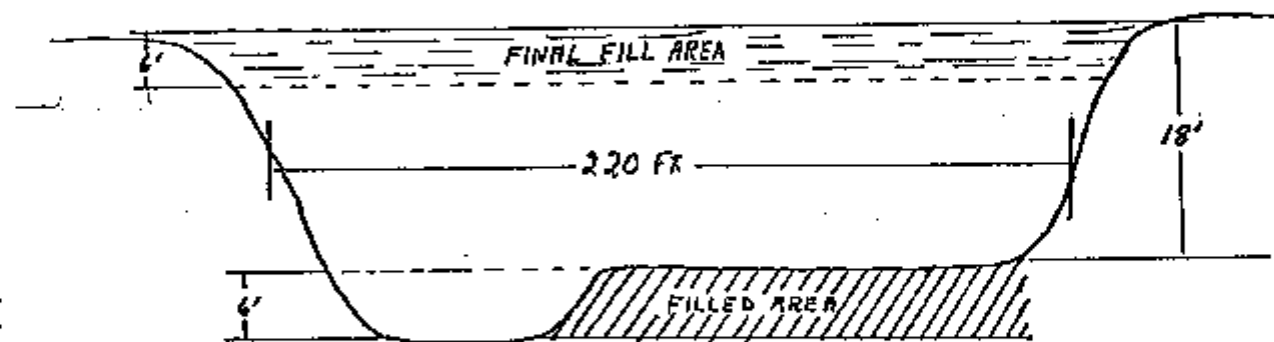
Annually on or before January 15, 1979, the discharger shall provide a brief written report describing the quantity of waste received at the site and the general conditions of the facility. The report shall include a color photograph of the disposal area taken during a period of peak use.

Ordered by ORIGINAL SIGNED BY  
David C. Joseph  
Executive Officer  
March 22, 1979



ATTACHMENT A

## LAVA BEDS LANDFILL



CROSS SECTION  
NO SCALE

Attachment B